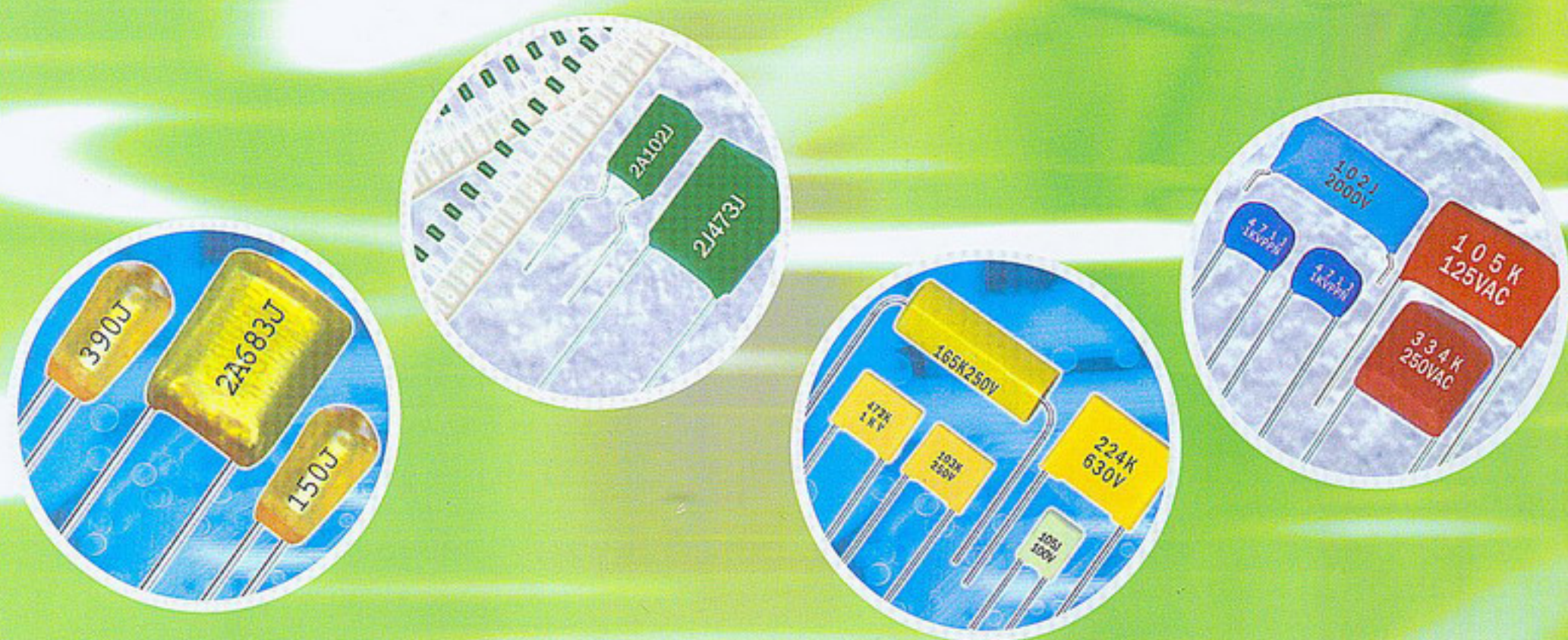


Film Capacitor

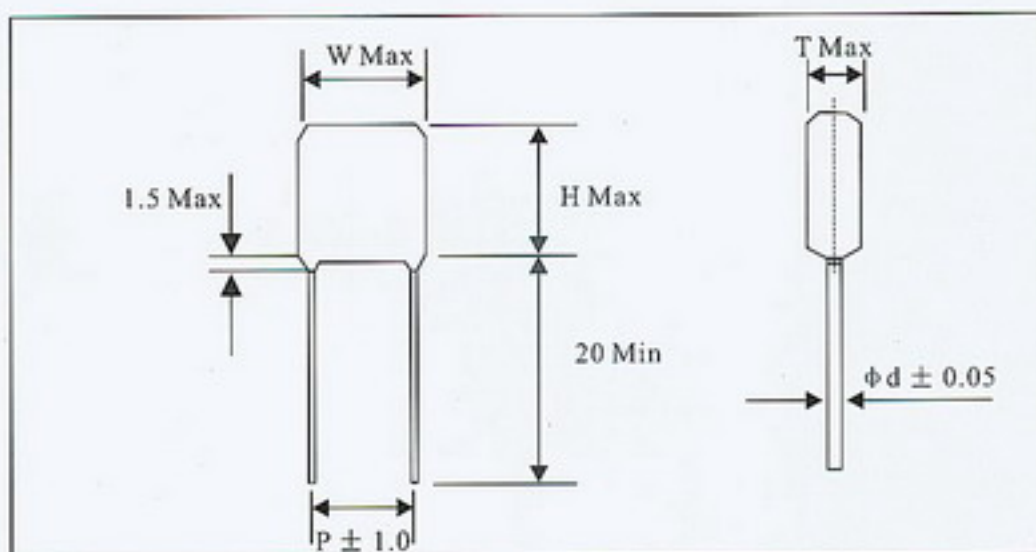
系列薄膜電容器



安達(香港)電子有限公司
Andex (Hong Kong) Limited

Polyester Film Capacitor

Operating Temperature Range : -40°C ~ +85°C
Capacitance Range : 470pF - 0.68μF
Capacitance Tolerance: ±2% (G), ±5% (J), ±10% (K)
Working Voltage : 50-1, 600VDC
Dissipation Factor : Max 0.8% at 1KHz, 25°C
Insulation Resistance : Min 30,000MΩ at 1KHz, 25°C
 (C ≤ 0.33 μF)
 Min 10,000MΩ
 (C > 0.33 μF)
Withstanding Voltage : Rated Voltage x 2 (5 SEC)



CL11/PET-Clear Mini Mylar

DIMENSION 尺寸

容量記號 Symbol	靜電容量 WV Capacitance(μF)	Clear/Green Epoxy Mini 50/100VDC				Clear Epoxy 250VDC				Clear/Green Epoxy 400VDC				Clear/Green Epoxy 630VDC				Clear/Green Epoxy 1000VDC				Φ d
		W	H	T	P	W	H	T	P	W	H	T	P	W	H	T	P	W	H	T	P	
471	0.00047	6.0	7.0	4.5	3.5	6.0	8.0	4.5	3.5	6.0	8.0	4.5	4.0	6.0	8.0	4.5	4.0	6.0	9.5	4.5	4.5	0.5
102	0.001	4.8	6.5	2.6	3.5	5.0	7.5	3.0	3.5	5.5	7.5	3.5	3.5	6.0	9.0	3.5	3.5	6.0	9.5	3.8	4.0	0.5
472	0.0047	5.0	6.5	2.8	3.5	5.5	7.5	3.0	3.5	6.0	7.5	3.5	3.5	6.5	9.0	4.0	4.0	7.0	9.5	4.5	4.5	0.5
103	0.01	5.5	6.5	3.0	3.5	6.0	7.5	3.5	4.0	6.2	8.0	4.0	4.0	6.5	10.0	4.0	4.0	7.0	11.0	4.5	4.5	0.5
223	0.022	6.0	7.0	3.0	4.0	6.6	7.5	3.5	5.0	*6.8	8.0	3.5	5.0	7.0	10.5	4.5	4.5	7.0	11.0	4.5	5.0	0.5
104	0.1	9.0	8.5	5.0	6.5	9.5	11.0	6.0	7.0	12.0	14.0	7.0	10.0	13.0	15.5	9.5	9.0	14.0	16.5	9.5	9.5	0.5

CL11/PET-Standard Size

DIMENSION 尺寸

容量記號 Symbol	靜電容量 WV Capacitance(μF)	DC100/50V				DC250V				DC400V				DC630V				DC1000V				Φ d
		W	H	T	P	W	H	T	P	W	H	T	P	W	H	T	P	W	H	T	P	
102	0.001	5.2	9.0	2.9	3.5	5.5	9.5	3.0	3.5	6.0	9.5	4.0	4.0	6.0	10.0	4.0	4.0	6.5	11.0	4.0	4.0	0.5
332	0.0033	5.2	9.0	2.9	3.5	5.5	9.5	3.0	3.5	6.0	9.5	4.0	4.0	6.5	12.0	5.0	5.0	8.0	13.0	5.0	5.0	0.5
682	0.0068	5.5	9.0	3.0	3.5	6.5	10.0	3.5	4.0	7.0	10.5	4.5	4.5	8.5	13.5	5.0	5.5	10.0	14.0	5.5	6.0	0.5
103	0.01	6.0	9.5	3.5	4.0	6.5	10.5	3.5	4.0	7.5	11.0	5.0	5.0	9.0	14.0	5.5	6.0	10.5	14.5	6.0	6.5	0.5
223	0.022	6.6	11.0	3.5	5.0	7.2	11.5	4.0	5.0	8.5	12.5	6.0	5.5	9.5	14.5	5.5	6.0	12.0	16.0	8.0	7.5	0.5
473	0.047	7.5	11.0	4.0	5.5	8.5	12.0	5.5	6.0	10.0	13.0	6.5	7.0	12.0	15.5	7.0	8.0	14.0	18.0	8.5	8.5	0.5
104	0.1	9.5	11.5	5.0	7.0	10.0	13.0	7.0	7.5	13.5	16.0	7.5	10.0	17.0	24.0	11.0	10.0	19.0	25.0	12.0	11.0	0.5
224	0.22	12.0	13.0	7.0	8.0	16.0	16.0	9.5	10.0													0.6

MCEP-Film & Foil Film Capacitor

*Specialist for fluorescent lamp, bulbs, ballast
 *Available at 105°C

DIMENSION 尺寸

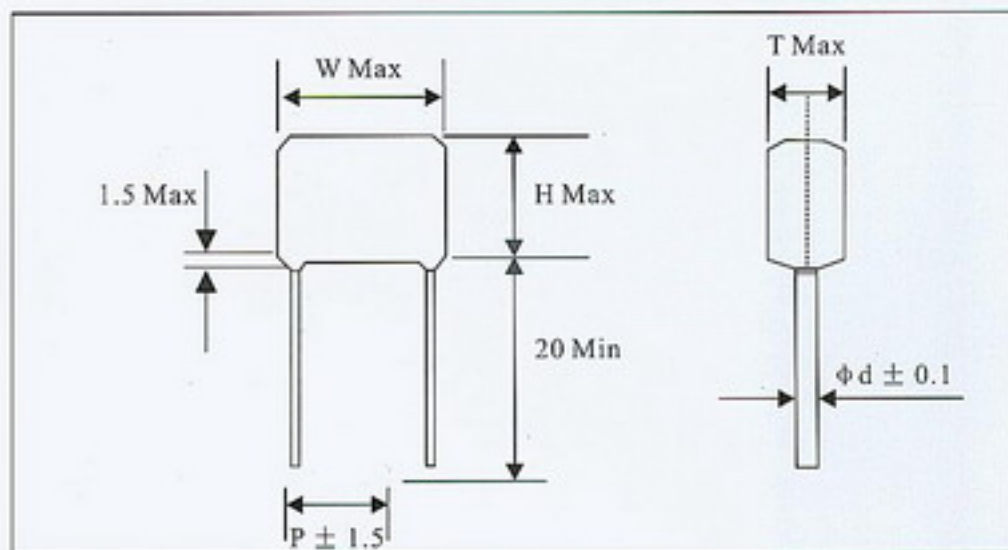
容量記號 Symbol	靜電容量 WV Capacitance(μF)	250VDC				400VDC				630VDC				1000VDC				1200VDC				1600VDC				Φ d
		W	H	T	P	W	H	T	P	W	H	T	P	W	H	T	P	W	H	T	P	W	H	T	P	
102	0.001	6.0	12.0	4.0	4.0	6.5	12.0	4.0	4.0	6.5	12.0	4.0	5.0	7.0	12.0	4.0	5.0	7.5	12.0	4.0	5.0	8.0	13.5	4.5	5.0	0.5
472	0.0047	6.5	12.0	4.0	4.0	7.0	12.0	4.0	4.0	7.5	12.0	4.0	5.0	7.5	12.0	4.0	5.0	8.0	12.0	4.0	5.0	9.0	14.0	5.0	5.5	0.5
682	0.0068	7.5	12.0	4.0	8.0	8.0	12.0	4.5	5.0	8.5	12.0	4.5	5.5	8.5	12.0	4.5	5.5	9.0	12.0	4.8	6.0	9.5	15.5	6.0	6.0	0.5
752	0.0075	8.0	12.0	4.5	5.5	8.5	12.0	5.0	5.5	9.0	12.0	5.0	5.5	9.0	12.0	5.0	6.0	9.5	12.0	5.5	6.0	10.0	15.8	6.0	6.0	0.5
103	0.01	8.5	12.0	4.5	5.5	9.0	12.0	5.0	5.5	9.5	12.0	5.5	6.0	9.5	12.0	5.5	6.0	10.0	12.5	6.0	6.5	11.5	16.0	6.5	7.0	0.5
153	0.015	10.0	12.0	6.0	6.0	10.5	14.5	6.0	6.5	11.0	15.0	6.5	7.0	11.5	16.0	7.0	7.5	12.0	16.5	7.0	7.5	12.5	17.0	7.5	8.0	0.5
223	0.022	10.5	13.0	6.0	6.5	11.0	14.5	6.5	7.0	11.5	15.0	7.0	7.5	12.0	16.5	7.5	8.0	12.5	17.0	8.0	8.0	13.0	17.5	8.5	8.5	0.5

* SPECIAL ITEMS

* 項目類型不能盡錄, 客戶可要求訂做特殊型號及大小尺碼
 All items cannot be listed, special items/size can be available appoint requested

Metallized Capacitor

Operating Temperature Range: -40°C ~ +85°C
Capacitance Range : 220pF - 10μF
Capacitance Tolerance: ±2%(G), ±5%(J), ±10%(K)
Working Voltage : 50-3,000VDC
Dissipation Factor :
 Met. Polyester at 1KHz, 25°C LCR at 1V, Max 1%
 Met. Polypropylene at 1KHz, 25°C LCR at 1V, Max 0.1%



CL21/ME - Standard

DIMENSION 尺寸

容量記號 Symbol	靜電容量 wv Capacitance(μF)	DC 250V					DC 400V					DC 630V				
		W	H	T	P	Φd	W	H	T	P	Φd	W	H	T	P	Φd
103	0.01	12.0	9.0	5.5	10.0	0.6	13.0	10.0	5.5	10.0	0.6	14.0	10.5	6.0	11.5	0.6
223	0.022	12.5	9.0	5.5	10.0	0.6	*10.0	8.0	4.5	8.0	0.6	14.0	10.5	6.0	11.5	0.6
104	0.1	12.5	10.0	5.5	10.0	0.6	17.5	13.0	6.5	15.5	0.6	18.0	11.0	6.0	15.5	0.6
224	0.22	14.0	12.0	6.5	11.0	0.6	25.0	14.5	7.5	21.5	0.7	25.0	16.0	10.0	21.5	0.7
474	0.47	18.5	13.0	6.5	15.5	0.7	25.0	18.5	10.5	21.5	0.8	29.5	22.0	12.0	26.5	0.8
105	1	24.0	17.5	9.0	21.0	0.7	30.0	20.0	11.0	26.5	0.8	32.0	23.0	13.0	30.0	0.8
225	2.2	24.0	18.5	10.0	21.5	0.7	32.5	25.0	15.0	30.0	0.8	35.0	27.0	17.0	31.5	0.8

CL21/ME - Super Mini

DIMENSION 尺寸

容量記號 Symbol	靜電容量 wv Capacitance(μF)	63/100VDC					250VDC					400VDC				
		W	H	T	P	Φd	W	H	T	P	Φd	W	H	T	P	Φd
102	0.001	7.0	7.0	4.0	5.0	0.6	7.5	7.0	4.2	5.5	0.6	7.5	7.0	4.2	5.5	0.6
103	0.01	7.0	6.0	4.0	5.0	0.6	7.5	6.8	4.0	5.5	0.6	7.6	7.5	4.5	5.5	0.6
223	0.022	7.0	6.0	3.6	5.0	0.6	7.5	6.0	3.6	5.5	0.6	7.6	7.5	4.5	5.5	0.6
104	0.1	7.0	5.8	3.6	5.0	0.6	7.3	8.5	4.2	5.5	0.6	10.5	8.5	5.5	7.5	0.6
*104	0.1 (SMALL SIZE)	6.5	5.0	2.7	5.0	0.5										
224	0.22	6.8	6.3	4.0	5.0	0.6	7.3	8.5	4.3	5.5	0.6	13.5	16.0	9.4	10.0	0.6
474	0.47	7.3	8.5	4.5	5.0	0.6	12.3	10.0	5.5	10.0	0.6	17.5	14.5	8.0	15.0	0.7
105	1	7.3	9.0	4.8	5.0	0.6	18.0	11.0	5.5	17.0	0.7	21.5	17.0	10.0	20.0	0.7
*225	2.2 (SMALL SIZE)	13.0	13.0	5.5	11.0	0.6	18.5	16.0	8.0	17.0	0.7	28.5	16.5	8.5	26.0	0.7
475	4.7	23.5	17.5	8.5	21.0	0.7	28.5	20.5	11.0	27.0	0.8	30.0	23.0	14.0	27.5	0.8
106	10	24.0	19.0	12.5	21.0	0.7										

CBB/NMP - High Voltage(Non-Inductive Metallized Polypropylene Film)

DIMENSION 尺寸

容量記號 Symbol	靜電容量 wv Capacitance(μF)	630 VDC					DC 1000 VDC					DC 1600 VDC				
		W	H	T	P	Φd	W	H	T	P	Φd	W	H	T	P	Φd
102	0.001	12.5	7.5	5.0	10.0	0.6	13.0	8.0	5.0	10.0	0.6	13.0	9.0	5.0	11.0	0.6
472	0.0047	13.0	9.0	5.0	10.0	0.6	13.5	8.5	5.0	11.0	0.6	13.5	11.5	7.5	11.0	0.6
103	0.01	13.0	9.0	5.5	10.0	0.6	13.5	11.5	7.0	11.0	0.6	18.0	12.0	8.5	15.0	0.7
473	0.047	14.5	13.0	7.5	11.0	0.6	15.0	17.0	11.0	12.0	0.7	28.0	15.0	11.0	25.0	0.7

容量記號 Symbol	靜電容量 wv Capacitance(μF) Item	DC 1200V					DC 1600V					DC 2000V					DC 3000V				
		W	H	T	P	Φd	W	H	T	P	Φd	W	H	T	P	Φd	W	H	T	P	Φd
221	0.00022	14.5	10.0	7.0	11.5	0.6	19.5	11.0	6.0	17.5	0.6	22.5	9.0	6.0	20	0.6	23.0	10.0	6.0	21.0	0.6
332	0.0033	13.5	10.0	6.5	11.0	0.6	21.0	12.0	6.5	20.0	0.7	23.0	13.0	8.5	21	0.7	25.0	16.0	11.0	21.0	0.7
472	0.0047	13.5	10.5	7.0	11.0	0.6	22.0	12.5	7.0	20.0	0.7	23.5	13.5	9.0	21	0.7	35.0	19.0	12.0	32.0	0.8
682	0.0068	13.5	9.0	7.0	11.0	0.6	22.0	13.0	7.5	20.0	0.7	24.0	14.5	9.5	21	0.7	35.5	21.0	13.0	33.0	0.8
103	0.01	23.5	14.5	8.5	21.0	0.7	24.5	15.5	9.0	21.0	0.7	25.0	17.5	11.0	22	0.8	36.0	21.0	13.0	33.0	0.8
473	0.047	25.0	17.0	11.0	21.0	0.7	26.0	19.0	13.0	21.0	0.7	35.0	23.0	13.0	31	0.8	43.0	29.0	20.0	38.0	0.8

* SPECIAL ITEMS

* 項目類型不能盡錄, 客戶可要求訂做特殊型號及大小尺碼
 All items cannot be listed, special items/size can be available appoint requested

Product Listing 產品類別

代號 Code	類別 Type	構造 Configuration	額定電壓 Working Voltage	容量 Capacitance Range	溫度 Temperature Range(°C)	結構 Construction	用途 Purpose
Mylar Capacitors							
MCPE	CL11 / PET	Polyester Film+ Al Foil	50-1,200DC	471-0.68 μ F	-40°C ~ 85°C	有感 Inductive	各種電子線路 General Application
MCCL	CL11 / PET- Clear Super Mini	Polyester Film+ Al Foil	50-1,000VDC	471-0.68 μ F	-40°C ~ 85°C	有感 Inductive	各種電子線路 VCD,DVD,Amplifier Miniature Size
MCEP	MCEP	Polyester Film+ Polypropylene Film +Al Foil	50-1,600VDC	0.001-0.33 μ F	-40°C ~ 85°C	有感 Inductive	Dolby Circuits, Ballast, Oscillation Circuits, Lighting Control
MCPP	MCPP	Polypropylene Film +Al Foil	50-2,000VDC	121-0.33 μ F	-40°C ~ 85°C 105°C available	有感 Inductive	高頻、高電流線路, High frequency, Low Dissipation
PSR	PSR	Polys Film+Al Foil	50-3,000VDC	101-0.047 μ F	-40°C ~ 85°C	有感 Inductive	Equipment, RF Circuits
Metallized Capacitors							
NE	NE	Polyester Film+ Al Foil	100-1,600VDC	0.001-0.68 μ F	-40°C ~ 85°C	無感 Non-Inductive	各種電子線路 General Purpose Usage
21ME	CL21 ME	Metallized Polyester Film	100-1,200VDC	0.001-15 μ F	-40°C ~ 85°C	無感 Non-Inductive	TV, DVD通訊, General Purpose Usage
MEMI	CL21ME- Super Mini ME	Mini Metallized Polyester Film	50-630VDC	0.001-10 μ F	-40°C ~ 85°C	無感 Non-Inductive	General Purpose Usage, Mini Powder Supply, LCD Monitor
MEAC	CL21ME AC	AL-ZN MF Film	125-630VAC	0.001-10 μ F	-40°C ~ 85°C	無感 Non-Inductive	交流電源應用 General Application
MP	CBB MP	Metallized Polypropylene Film	275-630VAC 50V-2,000VDC	0.001-10 μ F	-40°C ~ 85°C	無感 Non-Inductive	節能燈, TV Display, High Pulse Circuits
NMP	CBB / NMP- High Voltage	Metallized Polypropylene Film	275-630VAC 50-3000VDC	331-10 μ F	-40°C ~ 85°C	無感 Non-Inductive	Electronic Ballast, 節能燈、鎮流器, TV, Timing Circuits
NP	CBB18 / NP	Polypropylene Film +Al Foil	100-3,000VDC	221-2.2 μ F	-40°C ~ 85°C	無感 Non-Inductive	節能燈, Dolby Circuits, 滅蚊燈, Bug Killer
X2AC	.X2 Capacitor	Metallized Polyester Metallized Polypropylene	125-630VAC	0.001-3.3 μ F	-40°C ~ 85°C	無感 Non-Inductive	Noise Suppression, High Reliability, 濾波
X3	X3 Capacitor	Metallized Polypropylene	100-3000VDC	331-0.033 μ F	-40°C ~ 85°C	無感 Non-Inductive	TV Monitor, Low DF, High Voltage Standing, 穩定、高頻效果特佳